

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDSQ10G120C5D	**Issued**	06. August 2026
MA#	MA006005805		
Package	PG-HDSOP-16-221	**Weight***	1877.90 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.029	0.002	0.101	16	1009
	noble metal	gold	7440-57-5	0.114	0.006		61	
	inorganic material	siliconcarbide	409-21-2	1.752	0.093		933	
chip_2	non noble metal	tin	7440-31-5	0.029	0.002	0.101	16	1009
	noble metal	gold	7440-57-5	0.114	0.006		61	
	inorganic material	siliconcarbide	409-21-2	1.752	0.093		933	
leadframe	inorganic material	phosphorus	7723-14-0	0.325	0.017	57.648	173	576484
	non noble metal	iron	7439-89-6	1.083	0.058		576	
	non noble metal	copper	7440-50-8	1081.174	57.573		575734	
wire	non noble metal	aluminium	7429-90-5	11.586	0.617	0.617	6170	6170
encapsulation	organic material	carbon black	1333-86-4	3.855	0.205	41.058	2053	410575
	miscellaneous	miscellaneous	-	42.406	2.258		22582	
	plastics	epoxy resin	-	53.971	2.874		28740	
	inorganic material	silicondioxide	60676-86-0	670.788	35.720		357200	
leadfinish	non noble metal	tin	7440-31-5	8.299	0.442	0.442	4419	4419
plating	inorganic material	phosphorus	7723-14-0	0.001	< 0.001	0.033	1	333
	non noble metal	nickel	7440-02-0	0.625	0.033		333	
*deviation	< 10%				Sum in total:	100.000		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com